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Catalogue of Reversible Ratchet Wrenches

Manufactured by

LOWELL WRENCH COMPANY

Worcester, Mass., U. S. A.

Catalogue

of

Reversible Ratchet Wrenches

Manufactured by

Lowell Wrench Company

:: THE ::
DAVIS
PRESS

WORCESTER
:: MASS ::

REVERSIBLE RATCHET WRENCHES

Special Reversible Ratchet Wrenches built to order. Price on application.

For all our regular line see the following pages.

1903 Pattern

We desire to call attention to the above Wrench, acknowledged to be SUPERIOR AS A RATCHET TO ANY OTHER. It can be changed into a Ratchet Drill (shown on page 12) by removing the cap and replacing the gear by a drill socket.

This WRENCH can be changed to a right or left hand motion at pleasure.

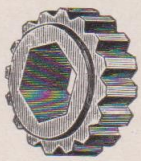
PRICE LIST OF WRENCHES.

No. 1,	10″	Lever	with	any one gear	on the No. 1 list,	**$3.00**
No. 2,	12″	"	"	"	No. 2 "	**4.00**
No. 3,	15″	"	"	"	No. 3 "	**5.00**
No. 3½,	18″	"	"	"	No. 3 "	**6.00**
No. 4,	18″	"	"	"	No. 4 "	**7.00**
No. 4½,	24″	"	"	"	No. 4 "	**9.00**

PRICE LIST OF WRENCH GEARS.

No. 1.	⅜, ½, ⅝ in. Sq.	⅝, ¾ in. Hex. opening, ea.	**$ .50**
No. 2.	½, ⅝, ¾ "	¾, ⅞, 1 " " "	**.60**
No. 3.	⅝, ¾, ⅞, 1, 1 1/16, 1⅛ "	1, 1 1/16, 1⅛, 1¼ " " "	**.75**
No. 4.	1, 1⅛, 1¼, 1⅜, 1½ "	1¼, 1 7/16, 1⅝, 1¾ " " "	**1.00**

N. B.—In ordering Wrenches please state the size and shape (Sq. or Hex.) of **hole** wanted.



☞In the following gears the holes are large, leaving too little stock on the corners **for severe strains,** (No. 1, ⅝; No. 2. ¾; No. 3, 1⅛; No. 4, 1½ square,) and are **not** warranted.

Old Style Bridge Builders' Wrench

GUARANTEE. We stand back of these tools in every way and warrant them in all respects to give satisfaction.

LIST.

No. 1 Length of handle, 3 feet. Weight, about 11 pounds.

Price, with single gear $8.00
Price of each additional gear . . . 1.00

This handle will take gears $1\frac{1}{8}''$, $1\frac{1}{4}''$, square openings.
$1\frac{1}{4}''$, $1\frac{7}{16}''$, $1\frac{5}{8}''$, hexagon openings.

No. 2 Length of handle, 3 feet. Weight, about 14 pounds.

Price, with single gear $14.00
Price of each additional gear . . . 2.00

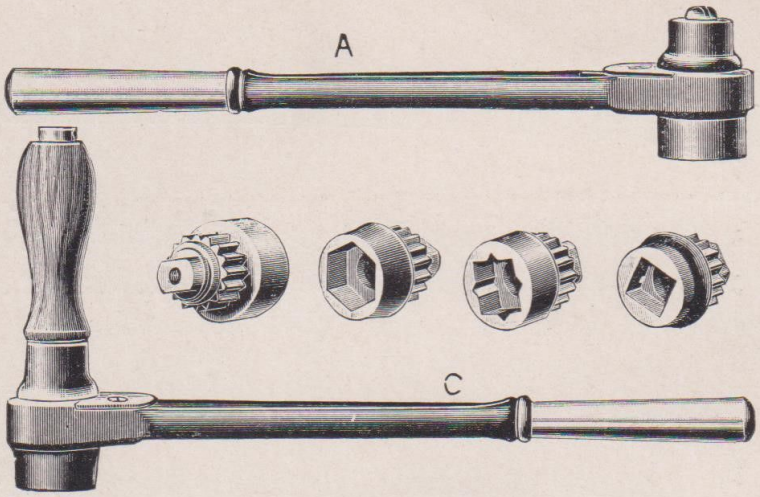
This handle will take gears $1\frac{1}{2}''$, $1\frac{5}{8}''$, $1\frac{13}{16}''$, $2''$, square openings.
$1\frac{13}{16}''$, $2''$, $2\frac{3}{16}''$, $2\frac{3}{8}''$, hexagon openings.

No. 3 Length of handle, 3 feet. Weight, about 23 pounds.

Price, with single gear $16.00
Price of each additional gear . . . 3.00

This handle will take gears $2''$, $2\frac{1}{4}''$, $2\frac{1}{2}''$, square openings.
$2\frac{9}{16}''$, $2\frac{3}{4}''$, $2\frac{15}{16}''$, $3\frac{1}{8}''$, hexagon openings.

LAG-SCREW WRENCH



To Street Railway Builders, Telephone, Telegraph, and Electric Light Companies.

We would call attention to the above cut, representing a **Lag-Screw Wrench** designed for turning coach screws, nuts or bolts, either way, without taking off the wrench.

These wrenches are easily changeable for various sizes by means of the different sockets.

PRICE LIST.

These prices include only one socket.

No. 1. 12-inch Handle, as shown in A, . . **$1.75**

No. 1. 12-inch Handle, as shown in C, . . . **2.00**

The sockets for this wrench will turn nuts measuring (smaller outside diameter) $\frac{1}{2}$, $\frac{19}{32}$, $\frac{11}{16}$, $\frac{25}{32}$, $\frac{7}{8}$, $\frac{31}{32}$, $1\frac{1}{16}$, $1\frac{1}{4}$ inch, square; $\frac{11}{16}$, $\frac{25}{32}$, $\frac{7}{8}$, $\frac{31}{32}$, $1\frac{1}{16}$, $1\frac{1}{4}$ inch, hexagon. Extra Sockets, each, **.40**

No. 2. 16-inch Handle, shown in A or C. . . **$3.00**

Style A has $1\frac{1}{16}''$ hole for bolt to pass through socket.

These sockets for nuts (smaller outside diameter) $1\frac{1}{16}$, $1\frac{1}{4}$, $1\frac{7}{16}$ inch, either square or hexagon. Extra Sockets, each, **.75**

No. 3. 20-inch Handle, like A or C, . . . **$4.50**

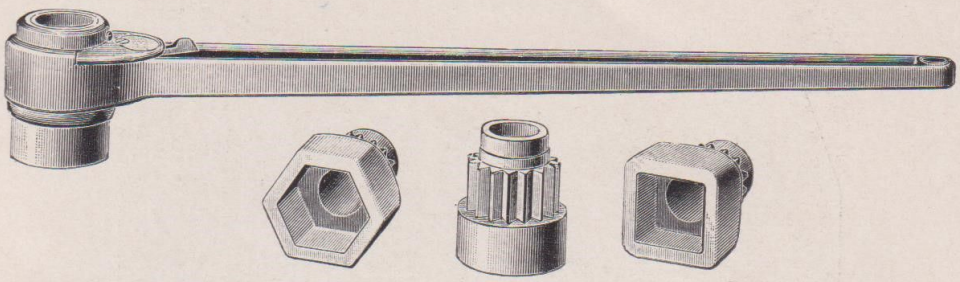
Style A has $1\frac{1}{8}''$ hole for bolt to pass through socket.

With sockets to fit (smaller outside diameter) nuts $1\frac{1}{4}$, $1\frac{7}{16}$, $1\frac{5}{8}$, $1\frac{13}{16}$ inch, square or hexagon. Extra Sockets, each, **$1.00**

Special sockets MADE TO ORDER. Price on application.

Steel Socket Bridge Wrench

The range of nuts that can be handled by these wrenches is from $\frac{5}{8}$ to $3\frac{1}{4}$ inches bolt diameter, or $1\frac{1}{16}$ to 5 inches smaller outside diameter of the nut.



It is some years, since we made the first Ratchet Wrench of this design. They have proved so satisfactory that we are induced to enlarge our list of Sockets and carry all sizes in stock.

GUARANTEE.—We stand back of these tools in every way and warrant them in all respects to give satisfaction.

CONVENIENCE.—They will turn nuts on or off without removing the Wrench, and soon make good their cost by saving labor.

LIST.

No. 1 Length of handle, 2 feet. Clear hole through the socket for $1\frac{1}{8}$ inch bolt. Weight, about 10 pounds.

Price, with a single socket . . . $6.00
Price of each additional socket . . 1.00

This handle will take sockets with $1\frac{1}{16}$, $1\frac{1}{4}$, $1\frac{7}{16}$, $1\frac{5}{8}$, $1\frac{13}{16}$, 2 inch, square or hexagon openings.

No. 2 Length of handle, 3 feet. Clear hole through the socket for $1\frac{3}{4}$ inch bolt. Weight, about 23 pounds.

Price, with a single socket . . . $14.00
Price of each additional socket . . 2.50

This handle will take sockets with 2, $2\frac{3}{16}$, $2\frac{3}{8}$, $2\frac{9}{16}$, $2\frac{3}{4}$, $2\frac{15}{16}$, $3\frac{1}{8}$ inch, square or hexagon openings.

No. 3 Length of handle, 3 feet. Clear hole through the socket for $2\frac{1}{2}$-inch bolt. Weight, about 50 pounds.

Price, with a single socket . . . $20.00
Price of each additional socket . . 4.50

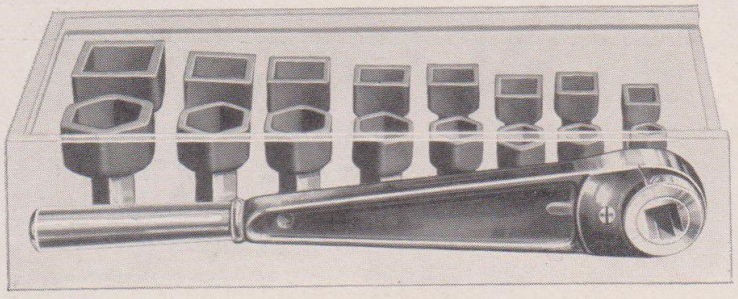
This handle will take sockets with $3\frac{1}{8}$, $3\frac{1}{2}$, $3\frac{7}{8}$, $4\frac{1}{4}$, $4\frac{5}{8}$, 5 inch, square or hexagon openings.

Please order by size of nut, small diameter, rather than by size of bolt. ODD SIZES MADE TO ORDER.

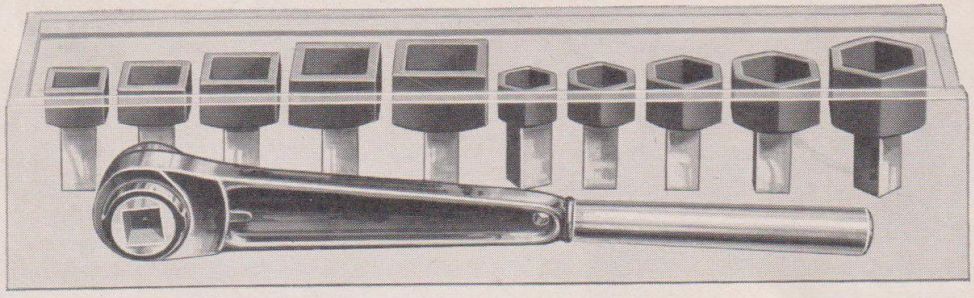
THE "MULTIPLEX" SOCKET

Reversible Ratchet Wrenches

No. 1



No. 2



These half-tones are from photographs of our new Wrenches. Each Wrench with its various Sockets is packed in a substantial, covered box.

We stand back of these Wrenches in every way and warrant them to give satisfaction. We will guarantee that the square shanks on the sockets will stand all the strain that ordinary bolts will stand and if broken without extra leverage we will replace them without charge.

No. 1 Wrench has a 12-inch Handle and will take square or hexagon nuts. $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{3}{4}$ inch Bolt Diameters.

$\frac{1}{2}$, $\frac{19}{32}$, $\frac{11}{16}$, $\frac{25}{32}$, $\frac{7}{8}$, $\frac{31}{32}$, $1\frac{1}{16}$, $1\frac{1}{4}$ inch Smaller Outside Diameters.

LIST PRICE, $6.00

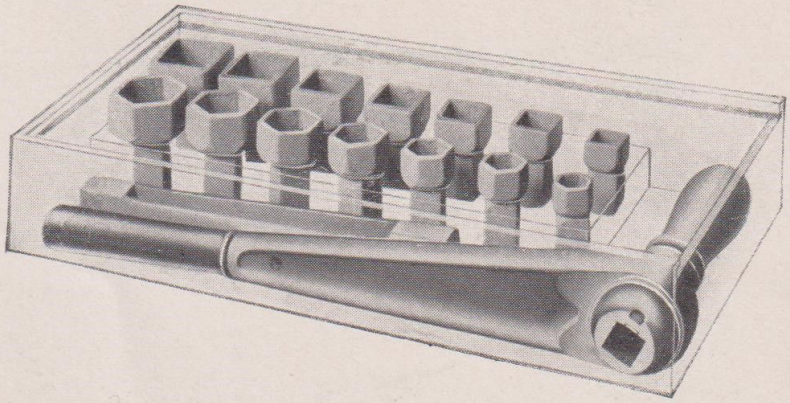
No. 2 Wrench has a 20-inch Handle and will take square or hexagon nuts. $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch Bolt Diameters.

$1\frac{1}{4}$, $1\frac{7}{16}$, $1\frac{5}{8}$, $1\frac{13}{16}$, 2 inch Smaller Outside Diameters.

LIST PRICE, $12.00

THE "MULTO" SOCKET

Ratchet Wrench



This half-tone is from a photograph, showing our Multo Wrench.

Each Wrench is packed in a substantial, covered box, with its **fourteen** sockets.

The Wrench, like all our Ratchet Wrenches, will reverse and work right- or left-handed at pleasure.

The sockets fit nuts square or hexagon.

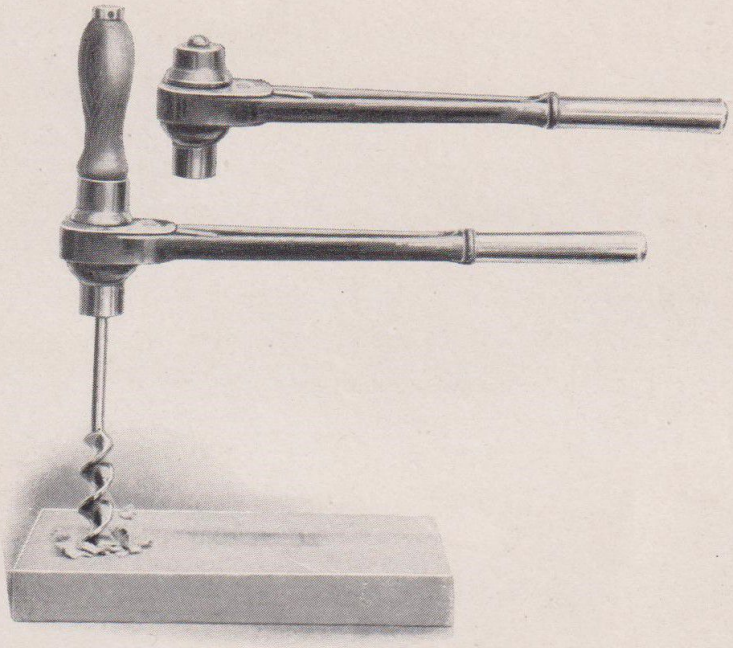
$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$ inch (bolt diameter).

$\frac{1}{2}$, $\frac{19}{32}$, $\frac{11}{16}$, $\frac{25}{32}$, $\frac{7}{8}$, $\frac{31}{32}$, $1\frac{1}{16}$ inch (the smaller outside diameter of the nut).

The Wrench is sold only with an unbroken set of sockets.

Price, $6.00

REVERSIBLE RATCHET WRENCHES



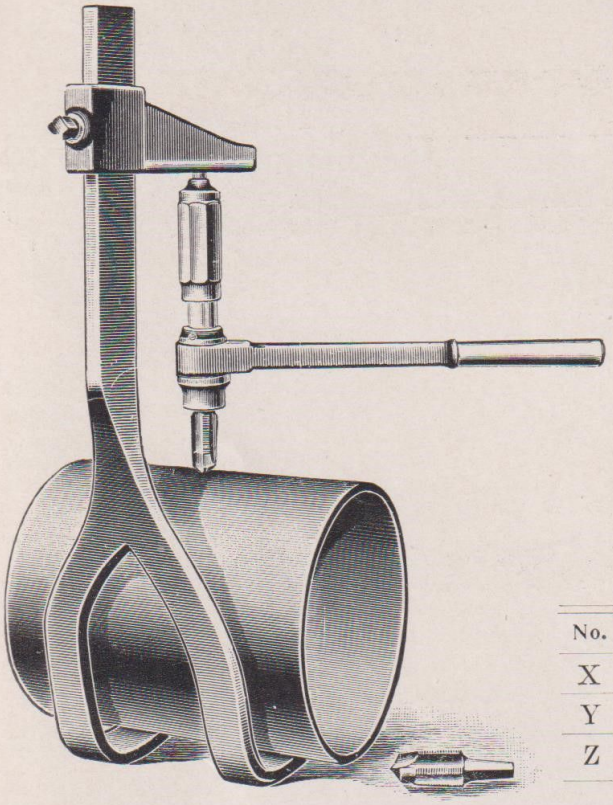
The above cut shows one of the special uses of our No. 1 Lag Screw Wrench. The taper square hole in the socket is an exact fit for the wood bit shank.

Price—same as on our regular No. 1 Lag Screw Wrench.

Let us know your requirements in the Ratchet Wrench line and we will be glad to talk it over with you.

"Service Ratchet"

(for Morse Combined Taps and Drills)



POINTS: RATCHET

1st. Double-acting.

2d. **All** parts **covered:** feed screw, pawls and gear.

3d. Heavy wearing parts.

4th. Steel feed screw; tool steel center, forge tempered.

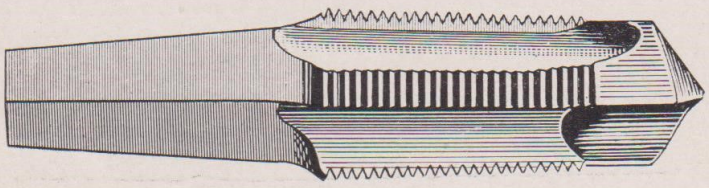
5th. Fits the Morse Tap-Drills **exactly.**

6th. The **price** is right.

RATCHETS

No.	Handle	Taps	PRICE
X	16 in.	¼-1½ in.	$7.00
Y	20 in.	2-2½ in.	11.00
Z	24 in.	2-2½ in.	13.00

Pipe Tap and Drill (fitting ratchets)



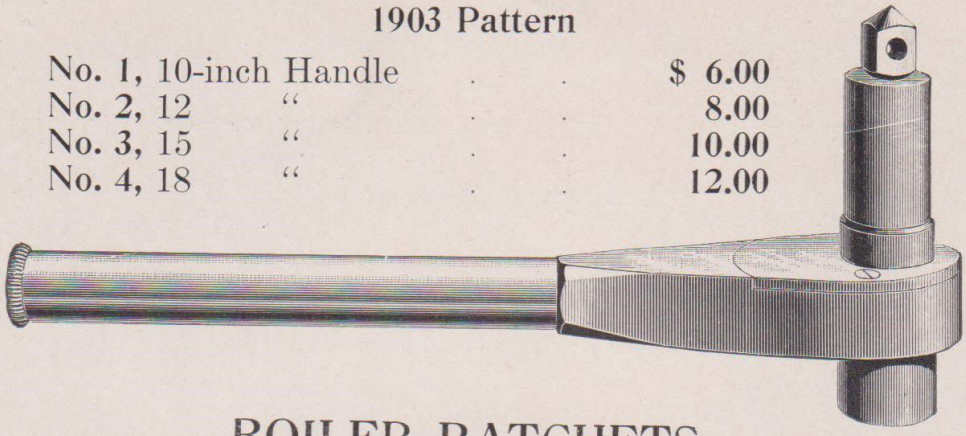
Shanks for sizes ¼ to 1½ inch, are 11-16 inch by ½ inch and 1¾ inch long.

Shanks for sizes 2 to 2½ inch, are 1 inch by ¾ inch and 2 inches long.

RATCHET DRILLS

1903 Pattern

No. 1, 10-inch Handle . .	**$ 6.00**
No. 2, 12 " . .	**8.00**
No. 3, 15 " . .	**10.00**
No. 4, 18 " . .	**12.00**



BOILER RATCHETS

No. 1, 10-inch Handle, ...	**$ 6.00**
No. 2, 12 "	**8.00**
No. 3, 15 "	**10.00**

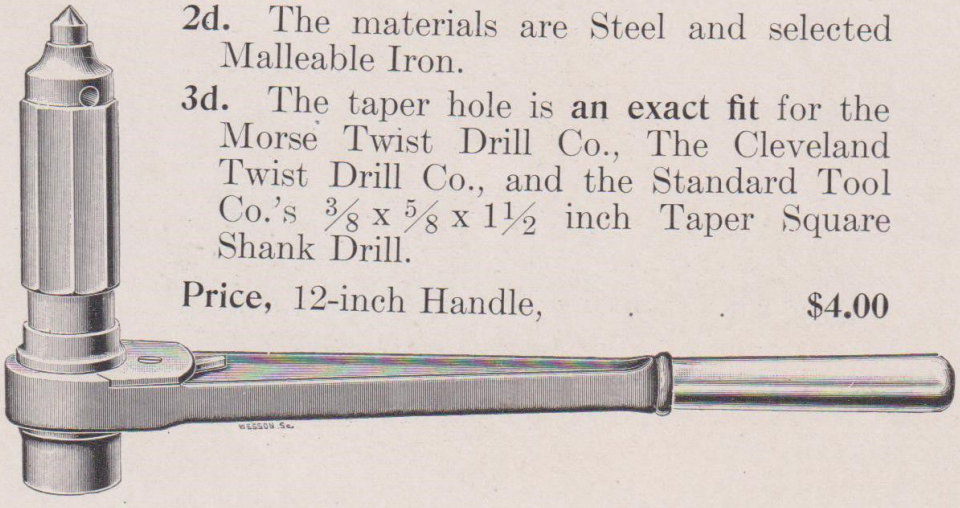
For taper square shanks only.

THE "S T D" RATCHETS

(Square-Shank Twist Drill Ratchet)

We offer here a **good, serviceable** Ratchet, at **a very low price.**

Points: **1st.** The expense is put into workmanship and fitting, instead of external finish.



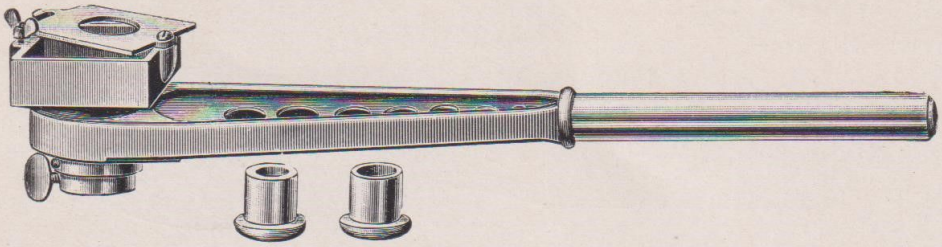
2d. The materials are Steel and selected Malleable Iron.

3d. The taper hole is **an exact fit** for the Morse Twist Drill Co., The Cleveland Twist Drill Co., and the Standard Tool Co.'s $\frac{3}{8}$ x $\frac{5}{8}$ x $1\frac{1}{2}$ inch Taper Square Shank Drill.

Price, 12-inch Handle, . . **$4.00**

For taper square shanks only.

RATCHET DIE STOCK



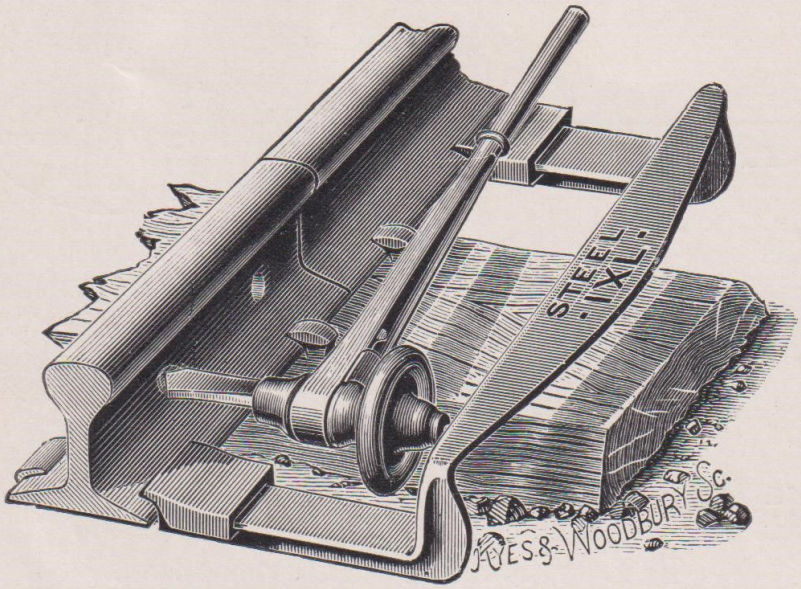
This tool, designed for threading water, steam and gas pipes in confined places, **and without removing the pipe,** will do its work in **closer quarters** than any similar tool.

PRICE LIST.

	Pipe Size	Size Die	Without Die or Bushing	Bushings, each	Die, each
No. 1	¼ to 1	2½ x ¾	$10.00	25 cts.	Price on Application
No. 2	¾ to 1¼	3 x ¾	12.00	35 cts.	
No. 3	1¼ to 2	4 x ⅞	14.00	45 cts.	

Each has a leader screw.

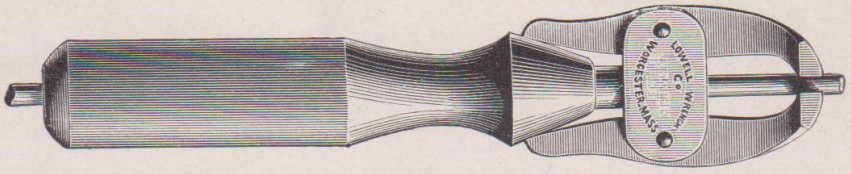
THE "IXL" TRACK DRILL



PRICE, COMPLETE, $8.00

IMPROVED HAND VISE

(Nickel plated)



To Dealers in Watchmakers' Supplies and Sellers of Fine Tools:

Allow us to call attention to the following specialties in your line.

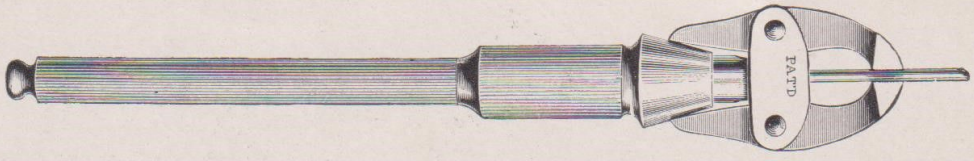
We claim this tool to be the handiest one of the kind in use. The workmanship is first-class, and the stock is steel, drop-forged, and warranted in every particular. For holding wire, there is a hole through the handle and screw. Every mechanic who has used it speaks in its praise. It weighs eight ounces.

PRICE LIST.

$18.00 . . . . . **per dozen.**

JEWELER'S PIN VISE

(Nickel plated)



This vise has been in the hands of watch repairers for a number of years, and thousands have been sold. It is made of steel throughout, with the jaws hardened. The Screw is large, cleanly cut, and covered from dirt. Every part is made to gauge. The finish is first-class and nickel-plated.

PRICE LIST.

Common Size, ... **$15.00 per dozen**
Small Size, ... **12.00 " "**

Postage, 20 and 10 cents per dozen.

We shall not accept an order for less than half a dozen.

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